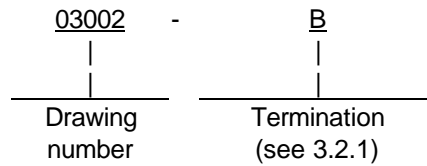


NOTICE OF REVISION (NOR)				1. DATE (YYMMDD) 030402		Form Approved OMB No. 0704-0188										
THIS REVISION DESCRIBED BELOW HAS BEEN AUTHORIZED FOR THE DOCUMENT LISTED.																
Public reporting burden for this collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSED. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/ PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.							2. PROCURING ACTIVITY NO.									
							3. DODAAC									
4. ORIGINATOR		b. ADDRESS (Street, City, State, Zip Code) Defense Supply Center, Columbus PO box 3990 Columbus, OH 43216-5000			5. CAGE CODE 037Z3		6. NOR NO. 5905-R009-03									
a. TYPED NAME (First, Middle Initial, Last)					7. CAGE CODE 037Z3		8. DOCUMENT NO. 03002									
9. TITLE OF DOCUMENT RESISTOR FIXED, FILM, CHIP, ZERO-OHM STYLE 0505					10. REVISION LETTER		11. ECP NO. No users listed.									
					a. CURRENT				b. NEW A							
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES All																
13. DESCRIPTION OF REVISION Sheet 1: Revisions ltr column; add "A". Revisions description column; add "Changes in accordance with NOR 5905-R009-03". Revisions date column; add "03-04-02". Revision level block; add "A". Rev status of sheets; for sheet 5, add "A". Sheet 8: Paragraph 6.6, Add, row 3 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">DSCC drawing PIN 03002-*</td> <td style="width: 30%;">Vendors similar designation or type number</td> <td style="width: 10%;">Vendor Cage</td> <td style="width: 40%;">Vendor's name and address</td> </tr> <tr> <td>Terminal styles B</td> <td>M0505XR000SB</td> <td>57498</td> <td>Vishay Thin Film 2160 Liberty Drive Niagara Falls, NY 14304</td> </tr> </table> Revision level block; add "A".									DSCC drawing PIN 03002-*	Vendors similar designation or type number	Vendor Cage	Vendor's name and address	Terminal styles B	M0505XR000SB	57498	Vishay Thin Film 2160 Liberty Drive Niagara Falls, NY 14304
DSCC drawing PIN 03002-*	Vendors similar designation or type number	Vendor Cage	Vendor's name and address													
Terminal styles B	M0505XR000SB	57498	Vishay Thin Film 2160 Liberty Drive Niagara Falls, NY 14304													
14. THIS SECTION FOR GOVERNMENT USE ONLY																
a. (X one)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">X</td> <td>(1) Existing document supplemented by the NOR may be used in manufacture.</td> </tr> <tr> <td></td> <td>(2) Revised document must be received before manufacturer may incorporate this change.</td> </tr> <tr> <td></td> <td>(3) Custodian of master document shall make above revision and furnish revised document.</td> </tr> </table>							X	(1) Existing document supplemented by the NOR may be used in manufacture.		(2) Revised document must be received before manufacturer may incorporate this change.		(3) Custodian of master document shall make above revision and furnish revised document.		
X	(1) Existing document supplemented by the NOR may be used in manufacture.															
	(2) Revised document must be received before manufacturer may incorporate this change.															
	(3) Custodian of master document shall make above revision and furnish revised document.															
b. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVERNMENT DSCC-VAT					c. TYPED NAME (First, Middle Initial, Last) Kendall A. Cottongim											
d. TITLE CHIEF, ELECTRONIC COMPONENTS TEAM			e. SIGNATURE Kendall A. Cottongim			f. DATE SIGNED 2 April 2003										
15a. ACTIVITY ACCOMPLISHING REVISION DSCC-VAT			b. REVISION COMPLETED (Signature) Andrew R. Ernst			c. DATE SIGNED 2 April 2003										

		REVISIONS															
		LT	DESCRIPTION						DATE				APPROVED				
<div> <div>Prepared in accordance with ASME Y14.100</div> <div>Selected item drawing</div> </div>																	
REV STATUS OF PAGES		REV															
		PAGES	1	2	3	4	5										
PMIC N/A		PREPARED BY Andrew R. Ernst						DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OH									
Original date of drawing 10 December 2002		CHECKED BY Andrew R. Ernst						TITLE RESISTOR, FIXED, FILM, CHIP, ZERO-OHM, STYLE 0505									
		APPROVED BY Kendall A. Cottongim															
		SIZE A	CODE IDENT. NO. 037Z3					DWG NO. 03002									
		REV						PAGE 1 OF 5									

1. SCOPE

- 1.1 Scope. This drawing describes the requirements for a fixed, film, .050 X .050, zero-ohm, chip resistor.
- 1.2 Part or Identifying Number (PIN). The complete PIN is as follows and is available in wrap-around termination:



2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto, cited in the solicitation (see 6.2).

SPECIFICATIONS

DEPARTMENT OF DEFENSE

MIL-PRF-55342 - Resistors, Fixed, Film, Chip, Nonestablished Reliability, Established Reliability, Space Level, General Specification for.

STANDARDS

DEPARTMENT OF DEFENSE

MIL-STD-790 - Established Reliability and High Reliability Qualified Products List (QPL) Systems for Electrical, Electronic, and Fiber Optic Parts Specification.

MIL-STD-1285 - Marking of Electrical and Electronic Parts.

(Unless otherwise indicated, copies of federal and military specifications, standards, and handbooks are available from the Document Automation and Production Service, Building 4D (DPM-DODSSP), 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

2.2 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

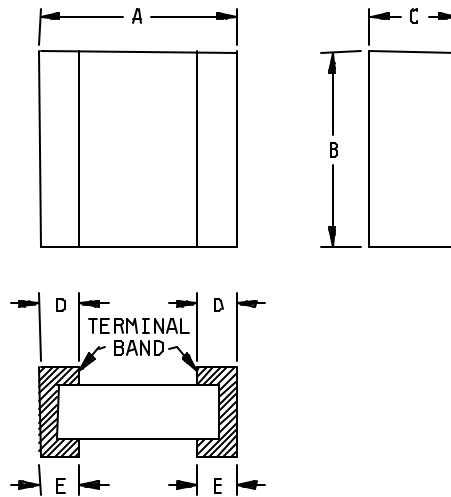
3. REQUIREMENTS

3.1 Item requirements. The individual item requirements shall be in accordance with MIL-PRF-55342 and as specified herein.

3.2 Interface and physical dimensions. The resistor shall meet the interface and physical dimensions as specified in MIL-PRF-55342 and herein (see figure 1).

3.2.1 Termination material. The termination material shall be in accordance with MIL-PRF-55342 and code letters B, C, G, or U (see 6.4).

DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO	SIZE A	CODE IDENT NO. 037Z3	DWG NO. 03002
		REV	PAGE 2



A	B	C	D	E
.055 ±.006	.050 ±.005	.012/.033	.010 ±.005	.015 ±.005

Inches	mm
.005	0.13
.006	0.15
.010	0.25
.012	0.30
.015	0.38
.033	0.84
.050	1.27
.055	1.40

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. The pictorial view of the style above is given as representative of the item.
Slight deviations from the outline shown, which are contained within the envelope, and do not alter the functional aspect of the device, are acceptable.

FIGURE 1. Zero-ohm chip resistor style 0505.

3.3 Electrical characteristics.

3.3.1 Temperature range. The temperature range shall be -55°C to +125°C.

3.3.2 Resistance. The resistance shall not exceed 0.025 ohm.

3.4 Marking. Marking of the individual chip resistors is not required; however, each unit package shall be marked in accordance with MIL-STD-1285 and include the PIN as specified herein (see 1.2), the manufacturer's name or Commercial and Government Entity (CAGE) code, date, and lot codes.

DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO	SIZE A	CODE IDENT NO. 037Z3	DWG NO. 03002
		REV	PAGE 3

3.5 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible provided that the material meets or exceeds the operational and maintenance requirements, and promotes economically advantageous life cycle costs.

3.6 Certificate of compliance. A certificate of compliance shall be required from manufacturers requesting to be a suggested source of supply.

3.7 Workmanship. Resistors shall be uniform in quality and free from defects that will affect life, serviceability, or appearance.

4. VERIFICATION

4.1 Product assurance program. The product assurance program specified in MIL-PRF-55342 and maintained in accordance with MIL-STD-790 is not applicable to this document.

4.2 Qualification inspection. Qualification inspection is not applicable to this document.

4.3 Product level qualification. The product level qualification specified in MIL-PRF-55342 is not applicable to this document.

4.4 Conformance inspection.

4.4.1 Inspection of product for delivery. Inspection of product for delivery shall consist of group A inspection (established reliability level only and the parts per million reporting is not applicable) of MIL-PRF-55342.

4.5 Visual and mechanical examination. Resistors shall be examined to verify that the materials, design, construction, physical dimensions, marking, and workmanship are in accordance with the applicable requirements of MIL-PRF-55342.

5. PACKAGING

5.1 Packaging. For acquisition purposes, the packaging shall be as specified in the contract or order (see 6.2) When actual packaging of materiel is to be performed by DoD personnel, these personnel need to contact the responsible packaging activity to ascertain requisite packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activity within the Military Department or Defense Agency, or within the Military Department's System Command. Packaging data retrieval is available from the managing Military Departments or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Intended use. Chip resistors are intended for use in thick or thin film circuits where microcircuitry is intended; also in most surface mount applications.

6.2 Ordering data. The contract or purchase order should specify the following:

- a. Complete PIN (see 1.2).
- b. Requirements for delivery and one copy of the conformance inspection data or certification of compliance that parts have passed conformance inspection with each shipment of parts by the manufacturer.
- c. Requirements for packaging and packing.

6.3 Users of record. Coordination of this document for future revisions is coordinated only with the suggested sources of supply and the users of record of this document. Requests to be added as a recorded user of this drawing should be in writing to: Defense Supply Center, Columbus, DSCC-VAT, Post Office Box 3990, Columbus, OH 43216-5000 or by telephone (614) 692-0552 or DSN 850-0552.

DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO	SIZE A	CODE IDENT NO. 037Z3	DWG NO. 03002
		REV	PAGE 4

6.4 Suggested source of supply. A suggested source of supply is listed herein. Additional sources will be added as they become available. For assistance in the use of this drawing, contact Defense Supply Center, Columbus, DSCC-VAT, Post Office Box 3990, Columbus, OH 43216-5000 or by telephone (614) 692-0552 or DSN 850-0552.

DSCC drawing PIN 03002-*	Vendors similar designation or type number <u>1</u> /	Vendor CAGE	Vendor's name and address
Terminal styles B, C, G, or U	H0505CP*000(D03002)	56235	State of the Art, Incorporated 2470 Fox Hill Road State College, PA 16803-1797
Terminal styles B	RCWPM-550-99	91637	Vishay Dale Electronics PO Box 609 Columbus, NE 68602-0609

1/ Parts must be purchased to the DSCC PIN to assure that all performance requirements and tests are met.

DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO	SIZE A	CODE IDENT NO. 037Z3	DWG NO. 03002
		REV	PAGE 5